

From wang!elf.wang.com!ucsd.edu!info-hams-relay Thu Apr 4 18:00:13 1991 remote  
from tosspot  
Received: by tosspot (1.64/waf)  
via UUCP; Thu, 04 Apr 91 21:32:37 EST  
for lee  
Received: from somewhere by elf.wang.com id aa24092; Thu, 4 Apr 91 18:00:12 GMT  
Received: from ucsd.edu by relay1.UU.NET with SMTP  
(5.61/UUNET-shadow-mx) id AA08087; Thu, 4 Apr 91 10:47:06 -0500  
Received: by ucsd.edu; id AA21679  
sendmail 5.64/UCSD-2.1-sun  
Thu, 4 Apr 91 04:30:33 -0800 for brian  
Received: by ucsd.edu; id AA21673  
sendmail 5.64/UCSD-2.1-sun  
Thu, 4 Apr 91 04:30:30 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/  
lqueue -oi -finfo-hams-relay info-hams-list  
Message-Id: <9104041230.AA21673@ucsd.edu>  
Date: Thu, 4 Apr 91 04:30:28 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>  
Reply-To: Info-Hams@ucsd.edu  
Subject: Info-Hams Digest V91 #265  
To: Info-Hams@ucsd.edu

Info-Hams Digest Thu, 4 Apr 91 Volume 91 : Issue 265

Today's Topics:

\*\*\* Hams in Space \*\*\*  
Alinco DR-590T  
FLEA at MIT 21 April 91 Cambridge MA

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 3 Apr 91 17:17:06 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!caen!news.cs.indiana.edu!msi.umn.edu!  
noc.MR.NET!jhereg!andrew@ucsd.edu  
Subject: \*\*\* Hams in Space \*\*\*  
To: info-hams@ucsd.edu

In article <4680001@pollux.svale.hp.com> mlau@pollux.svale.hp.com (Mel Lau) writes:

>In the Thursday March 28, 1991 Wall Street Journal front page under  
>Business Bulletin there was a article mentioning HAMS in SPACE:  
>  
>"All five astronauts on the coming Atlantis shuttle flight are licensed  
>amateur radio operators. The first all-ham crew was inspired by its pilot  
>Ken Cameron, who's active in radio education"

FYI - Atlantis launch is Friday, April 5th, 1418 UTC, 0918 EST, 0618 PST.

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Andrew C. Esh                   andrew@osa.com  
Open Systems Architects, Inc.  
Minneapolis, MN 55416-1528   So much System,  
(612) 525-0000                 so little CPU time...

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Date: 3 Apr 91 21:50:12 GMT  
From: usc!cs.utexas.edu!oakhill!nddsun1!waters@ucsd.edu  
Subject: Alinco DR-590T  
To: info-hams@ucsd.edu

In article <".2-Apr-91.14:05:15.EST".\*.Louis\_J\_Kohnen.WBST128@Xerox.com>  
K2ANC.Wbst128@xerox.com writes:

>  
>I am very seriously considering the purchase of a 590 at the Rochester hamfest  
>next month but I have some reservations that perhaps some of you who own a 590  
>would like to address.

I am very happy with mine!

>My  
>question: Am I likely to encounter similar (or dissimilar) problems with a new  
>590?

No more (or less) than with any other rig from what I have heard. The  
Japanes QC does seem to be declining in the past few years, but they  
still lead the way in performance/dollar. Unfortunately infant mortality  
is a fact of life with a certain percentage, sometimes you just get  
stuck. Best recourse is to buy from one of the better dealers, HRO or  
AES have both helped me when I have had problems in the past.

>My second concern  
>is based on the fact that the 570 has a built-in duplexer with a single antenna  
>connector; the 590 has separate connectors. Why? Is there a problem with using  
>a dual band antenna or did they do this to reduce cost?

I suspect it was to reduce cost somewhat. Possibly they just didn't have the space available. Certainly the duplexor set up works fine for me and the dual band antenna workd just as well with my IC-24ATas with the DR-590.

>ANY comments, pro or  
>con, regarding the 590 will be appreciated and considered in my decision. Tnx  
>es 73,  
>Lou, K2ANC

I have a few "gripes", the biggest one is that you effectively have TWO rigs in one package and they BOTH tend to "talk" at once. A selective mute would be very nice. :-)

The other is that there is no way to shut of commercial band xmit capability if you enable the extended freq. range capability. I really don't like calling someone on 2M and reealizing I was calling on the UHF Higfhway patrol freq.!

Oh yes, the manual is awfull. The new one that is on the net here is MUCH better and presumably will soon be the "official one".

The rig gives you a number of capabilities not available anywhere else, the ability to use it as a "range extender" from your handheld for example. Controlling the rig via a TT pad!

I like the remote head capability as well. It sure eases a mobile installation!

Overall - I would definitely buy one again.

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\*Mike Waters AA4MW/7 waters@nddsun1.sps.mot.com \*

Newlan's Truism:

An "acceptable" level of unemployment means that the government economist to whom it is acceptable still has a job.

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Date: 4 Apr 91 07:21:10 GMT  
From: w1gsl@athena.mit.edu  
Subject: FLEA at MIT 21 April 91 Cambridge MA  
To: info-hams@ucsd.edu

Its just about time for this years first....

\*\*\*\*\* 50 cent buyers discount with hardcopy of this notice \*\*\*\*\*

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS

FLEA all SUMMER at MIT  
Sunday, April 21, 1991  
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take place on the third Sunday of each month this summer, April thru October.

There is tailgate space for over 400 sellers and free, off-street parking for >1000 cars!

Buyers admission is \$1.50 (you get 50c off if you're lucky enough to have a copy of our add) and sellers spaces are \$8.00-each at the gate or \$5.00 if mailed by the preceding 5th. A sellers Season Pass for all 7 sundays is available for \$28 if purchased by April 21st

The flea will be held at the corner of Albany and Main streets in Cambridge; right in the Kendall Square area from 9AM to 2PM, with sellers set-up time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered tailgate area is available for all sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

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MIT Radio Society (W1MX)  
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

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Date: 3 Apr 91 16:36:40 GMT  
From: swrinde!zaphod.mps.ohio-state.edu!sol.ctr.columbia.edu!emory!wa4mei!ke4zv!  
gary@ucsd.edu  
To: info-hams@ucsd.edu

References <1991Mar27.203003.11457@cunixf.cc.columbia.edu>, <2643@ke4zv.UUCP>, <1991Apr1.212625.17482@cunixf.cc.columbia.edu>

Reply-To : gary@ke4zv.UUCP (Gary Coffman)

Subject : Re: a few fundamental questions about RF signals

In article <1991Apr1.212625.17482@cunixf.cc.columbia.edu>

mig@cunixb.cc.columbia.edu (Meir) writes:

>Do you think there is a way to get my TS-430S to load a transducer at, say,  
>160m? Is there any regulation of ultrasonics in various mediums? Is this  
>dangerous to animal life in the medium? Could we have a SSB QSO through the  
>ocean, using ultrasonics?

I'd guess that 1.8 Mhz ultrasound would be extremely short range. If you can find a transducer that is reasonably efficient at this frequency, you can build a matching network to drive it with your TS430. You should limit the power level to no more than 110 db SPL to stay within OSHA regulations. Levels higher than this could indeed be damaging to living organisms.

Gary KE4ZV

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End of Info-Hams Digest

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